

# Video Security



## DXR1-16N/250CD

Digital Video Recorder (16-Channels)  
250GB HDD, CD-RW Drive, Ethernet, 230VAC

Art-No. 71891



## Features

ML-JPEG Video Compression / Duplex Operation  
16 Loop-through Inputs / VGA, Comp./S-VHS Outputs  
Audio and Alarm Inputs / Outputs  
Recording Speed: 100 Fields/Sec. max. (PAL)  
250Gbyte EIDE HDD (Extentable to 750GB max.)  
Video Resolution 720x576 Pixels max.

SCSI Port for Archiving / Memory Extension  
Various Recording Modes  
Secondary Storage / Archiving via USB and CD-RW  
ATM/POS Text Insertion / 2x, 4x Digital Zoom  
PTZ Control and Remote Control through RS-485 Port  
Ethernet Connectivity / IR Remote Control

## Specifications

<b>Remarks</b>	Recommended LCD Monitors: s. Accessories
<b>Video standard</b>	PAL/NTSC (auto detection)
<b>Security</b>	Key lock, 10 user groups access rights programmable for each group
<b>Transmission rate</b>	100 Pict./Sec. max (PAL)
<b>Alarm notification</b>	E-mail, callback
<b>Alarm processing</b>	Programmable automatic alarm multiscreens
<b>Remote control</b>	Wireless remote control enabled
<b>Text insertion interface</b>	ATM/POS
<b>Monitor display</b>	Real time: 25 Fields/Sec. (PAL), 30 Fields/Sec. (NTSC) per camera
<b>Covert camera operation</b>	Programmable
<b>Time synchronization</b>	Via network time protocol
<b>Alarm log</b>	Up to 5,000 for user login/out, config. changes, remote access, connects/disconnects and errors, disk read and write errors
<b>Zoom function</b>	2x~4x
<b>Playback</b>	1, 4-, 9-, 16-channel Split, PIP
<b>Post-alarm recording</b>	Up to 5min.

(Specifications continued)

<b>VGA</b>	For monitors with Multi Sync Function only
<b>Serial interface</b>	RS-485 for telemetry control (eneo, Pelco P/D e.g.) or remote keyboard control
<b>Activity detection</b>	16x16 grid, Sensitivity levels: 5, Discrimination size: 192 levels
<b>Simplex/Duplex operation</b>	Duplex
<b>Video inputs</b>	16x 1Vp-p, (C)VBS, 75ohms, BNC, looping inputs
<b>Monitor outputs</b>	4x 1Vp-p, (C)VBS, 75ohms, BNC
<b>Video output</b>	1x 1Vp-p, (C)VBS, 75ohms, BNC; 1x Y/C, Y= 1Vp-p, C= 0.3Vp-p, 75ohms
<b>Audio input</b>	4x line-in, RCA socket
<b>Audio output</b>	1x line-out, RCA socket
<b>Resolution</b>	720x576 Pixels (Display)
<b>Compression standard</b>	ML-JPEG advanced compression engine provides smaller data size without significant picture quality distortion
<b>Recording speed</b>	100 Fields/sec. at 336x272; 50 Fields/sec. at 672x272 (PAL)
<b>Image size</b>	Low: 2KB, Standard: 3KB, High: 7KB, Very high: 18KB (2x bigger at high resolution mode)
<b>Hard disk capacity</b>	250GByte EIDE HDD (up to 3 internal HDD's)
<b>Secondary Storage</b>	External HDD, Built-in CD writer or via SCSI-Interface
<b>Alarm inputs</b>	16x TTL, programmable as NC/NO
<b>Alarm outputs</b>	16x TTL, open collector, programmable as NC/NO
<b>Alarm reset input</b>	1x TTL
<b>Alarm out</b>	On system and disk fail
<b>Pre-alarm recording</b>	Up to 5min.
<b>Digital storage media</b>	EIDE HDD's, Built-in CD-RW
<b>Archiving</b>	With SCSI HDD's, SCSI RAID
<b>Menu languages</b>	German, English, Italian, French, Spanish
<b>Ethernet interface</b>	10Base-T/100-Base-TX, RJ-45
<b>Remote Software</b>	For remote administration and search function (supplied with the unit)
<b>Interfaces</b>	3x USB, 1x RS-485, 1x RS-232 (Remote control via modem), 1x SCSI port for memory extension
<b>Supply voltage</b>	24VDC (PSU 100VAC~240VAC, 60/50Hz included)
<b>Power consumption</b>	Approx. 150watts
<b>Temperature range</b>	5°C ~ +40°C
<b>Housing</b>	Steel metal with plastic front, desktop design
<b>Colour</b>	Pantone 427C
<b>Dimensions (HxWxD)</b>	88x430x393mm
<b>Weight</b>	Approx. 9kg
<b>Parts supplied</b>	IR Remote control unit, 19" Rack mount kit, Power supply unit 100~240VAC / 2A with Mains cable, Viewer CD ROM (RAS), Screw set and flat cable for HDD assy, Manuals

## Accessories

<b>71857 / HDD-250</b>	Hard Disk Drive 250GB for DLR/DLR2, DXR, DXR2 and DCR Series
<b>74088 / EDC-KBD1</b>	System Keyboard with 3-axis Joystick, 12VDC/230VAC
<b>74092 / EDC-KBDM-3</b>	System Keyboard w. Joystick, 5" Monitor 12VDC/230VAC
<b>71902 / DXR-MOUSE</b>	USB Mouse for DXR Recorder Series
<b>90392 / VMC-15LCD-P</b>	15" LCD Professional Colour Monitor, 1024 x 768, Comp., Y/C, RGB, 2Audio, 12VDC/230VAC
<b>90393 / VMC-17LCD-P</b>	17" LCD Professional Colour Monitor, 1280 x 1024, Comp., Y/C, RGB, 2Audio, 12VDC/230VAC
<b>90430 / VMC-19LCD-P</b>	19" LCD Profession. Colour Monitor, 1280 x 1024 Px., Comp., Y/C, RGB, 12VDC/230VAC
<b>90443 / VMC-17LCD-PP</b>	17" LCD Colour Monitor, 1280x1024 Pixels Comp., Y/C, RGB, 2x Audio, 12VDC/230VAC
<b>90467 / VMC-32LCD-PW</b>	32" Prof. 16:9 TFT Colour Monitor, 4x CVBS, Y/C, RGB, 2x Audio, 100-240VAC
<b>90476 / VMC-23LCD-PW1</b>	23" Prof. 16:9 LCD Colour Monitor, 4x CVBS, Y/C, RGB, 2x Audio, 24VDC/230VAC
<b>71919 / HDD-500</b>	Hard Disk Drive 500GB for DLR2, DXR and DCR Series